



1. *Lumber shall be treated for in ground contact and meet the requirements of Construction Specification MI-174, Timber Fabrication and Installation.*
2. *The end planks are to provide a nailing surface for the wingwall ends. End planks are at the end of both wingwalls and are not set lower than the bottom of the wall.*
3. *Planks shall be nailed to posts with a minimum of two 20d galvanized nails at each intersection of post and plank.*
4. *To set posts, a trench may be substituted for the 1'-6" dia. post holes.*
5. *Geotextile shall be Non-woven, Class 1, (Const. Spec. MI-165).*
6. *Place non-woven geotextile against planks on earthfill side (upstream).*
7. *Tile lines shall outlet downstream of structure.*
8. *Grade fill line upstream of structure to fit site conditions. Slopes must be 2:1 or flatter.*
9. *Backfill shall be clean sand with less than 5% fines. MDOT 2NS fine aggregate meets this requirement.*



6" x 6" x \_\_\_\_\_ - \_\_\_\_\_ Each

6" x 6" x \_\_\_\_\_ - \_\_\_\_\_ Each

2" x 6" x 12' - \_\_\_\_\_ Each

2" x 6" x \_\_\_\_\_ - \_\_\_\_\_ Each

2" x 6" x \_\_\_\_\_ - \_\_\_\_\_ Each

2" x 6" x \_\_\_\_\_ - \_\_\_\_\_ Each

20d Galvanized Nails (31 nails/lb.)	_____	Lbs.
3/8" x 14" Bolts & Nuts	_____	Each
Washers (2 x Bolts)	_____	Each
(Galvanized or Stainless Steel)		
Non-woven Geotextile	_____	Sq. Yds.
Sand & Gravel, Post Hole	_____	Cu. Yds.
Clean Sand, Backfill (See Note 9)	_____	Cu. Yds.
Rock Riprap	_____	Cu. Yds.
Seeding and Mulch	_____	Acres

NOT TO SCALE



Designed	_____	_____	Date
Drawn	_____	_____	
Checked	_____	_____	
Approved	_____	_____	

STRUCTURAL DETAILS FOR WOOD BOX INLET  
DROP SPILLWAY (WITH ROCK RIPRAP)

Co., Michigan  
Township, T.                      -R., Sec.



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NOT TO SCALE